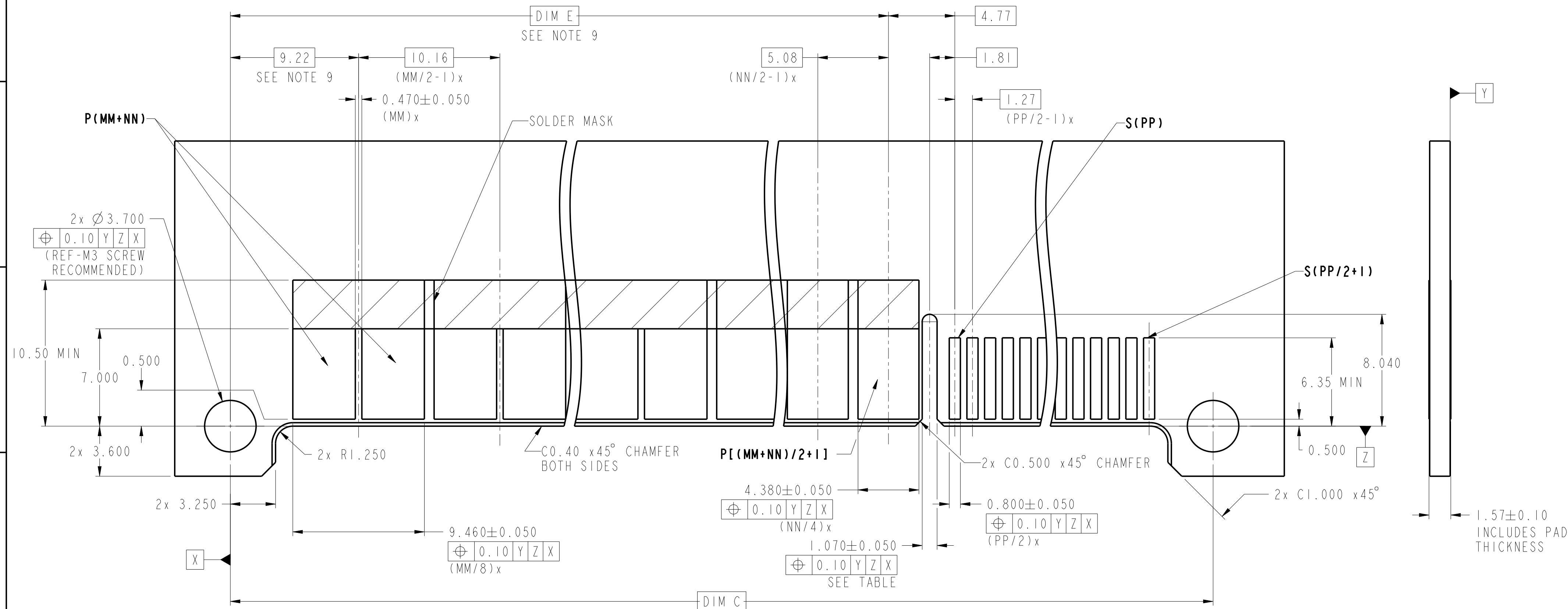
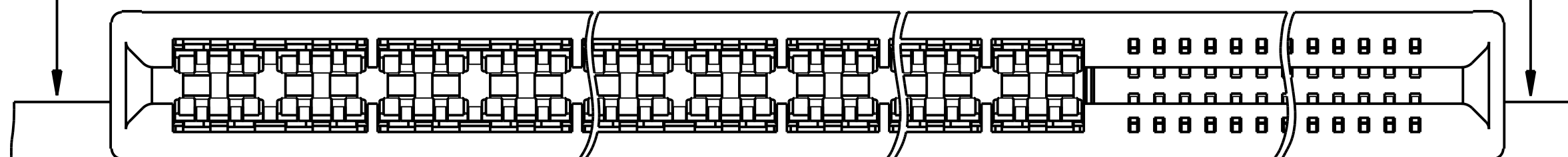
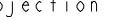


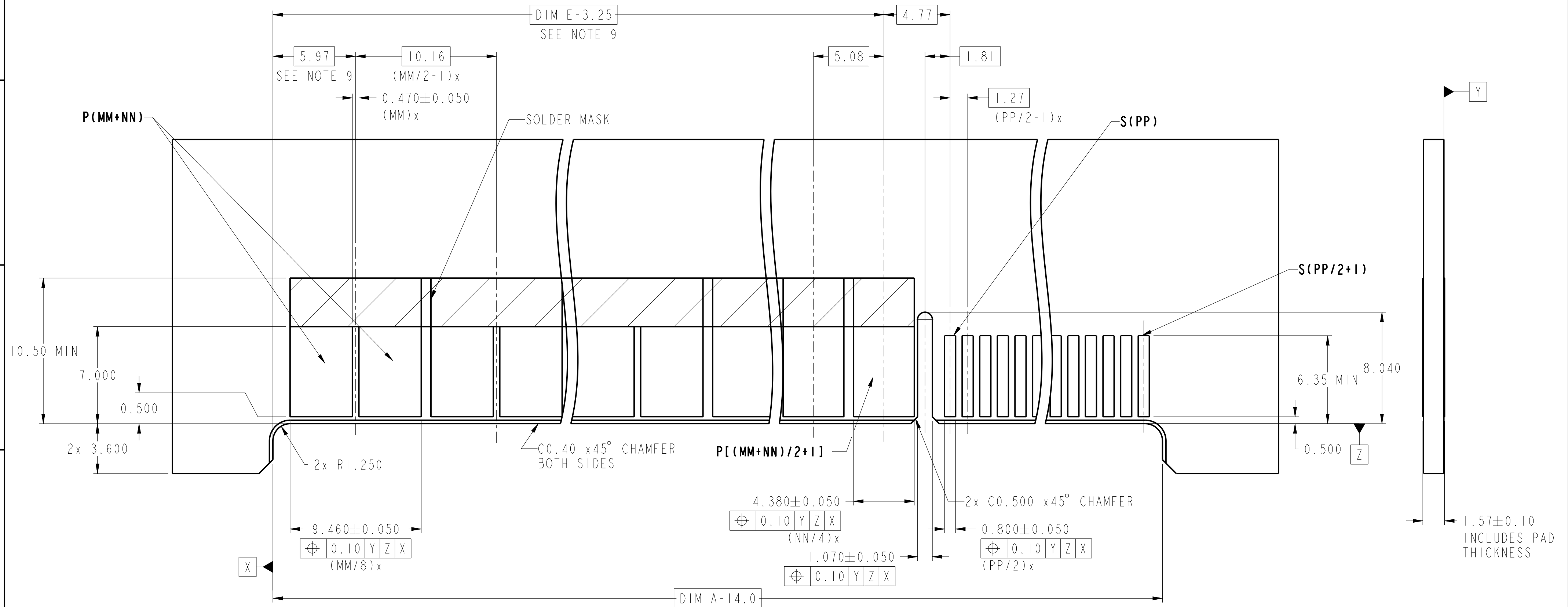


RECOMMENDED HOST BOARD LAYOUT TOLERANCE ±0.05

RECOMMENDED HOST BOARD LAYOUT AS VIEWED

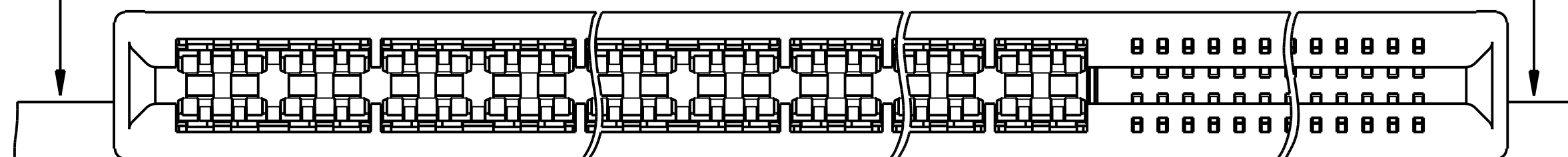


spec ref	-	dr	Andy Lu	2015-12-24	projection		MM	size	A2	scale	2:1	
tolerance std	ISO 406 ISO 1101	eng	Andy Lu	2018-03-07	product family		ecn no	rel level			In Work	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Fancy Zhang	2018-03-07								
		appr	PM Zheng	2018-03-07								
surface	linear	0.X	±0.5	Amphenol FCI	title	eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no	10137755		rev	5
		0.XX	±0.25									
		0.XXX	±0.13									
ISO 1302	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 2 of 5			

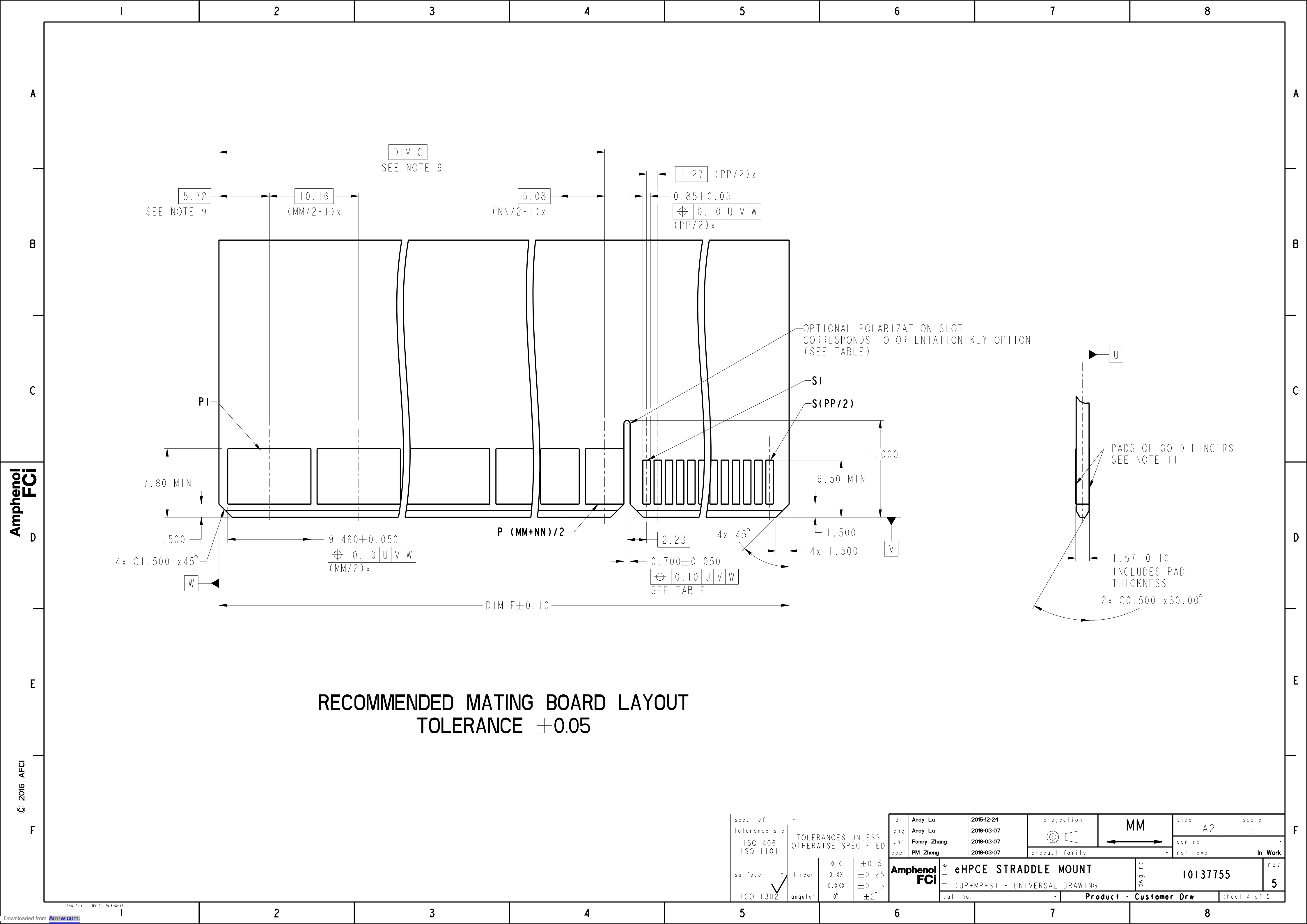


RECOMMENDED HOST BOARD LAYOUT
TOLERANCE ± 0.05
(FOR W/O MOUNTING EARS)

RECOMMENDED HOST BOARD LAYOUT AS VIEWED



spec ref -				dr Andy Lu		2015-12-24		projection		MM		size A2		scale 2:1	
tolerance std				eng Andy Lu		2018-03-07						ecn no -		rel level In Work	
ISO 406 ISO 1101				chr Fancy Zhang		2018-03-07									
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr PM Zheng		2018-03-07		product family							
surface			linear	0.X	±0.5	Amphenol FCi		title eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no 10137755		rev 5			
				0.XX	±0.25										
				0.XXX	±0.13										
ISO 1302			angular	0°	±2°			cat. no. -		Product - Customer Drw		sheet 3 of 5			



RECOMMENDED MATING BOARD LAYOUT
TOLERANCE ± 0.05

spec ref		-		dr		Andy Lu		2015-12-24		projection		MM		size		A2		scale		1:1	
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Andy Lu		2018-03-07						ecn no		-		-	
ISO 1101				chr		Fancy Zhang		2018-03-07		product family						-		rel level		In Work	
				appr		PM Zheng		2018-03-07													
surface		linear		0.X		±0.5		Amphenol FCI		title		eHPCE STRADDLE MOUNT		dwg no		10137755		rev		5	
✓				0.XX		±0.25						(UP+MP+S) - UNIVERSAL DRAWING									
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 4 of 5			

A

B

C

D

E

F

A

B

C

D

E

F

10137755

MM

NN

PP

LF

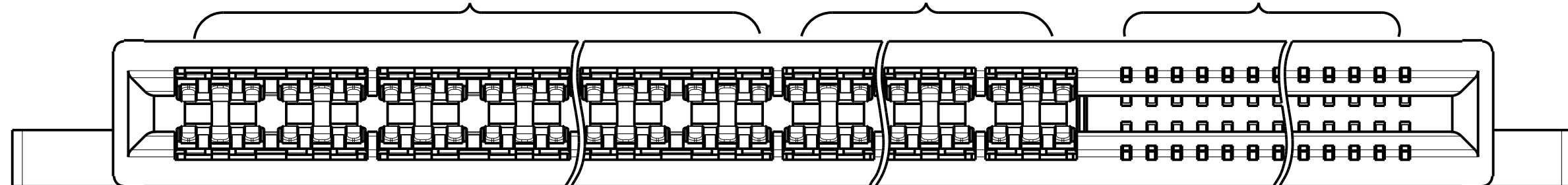
LEAD FREE

	A	B	C	D	E	F	G	H
MOUNTING EARS	Y	Y	Y	N	N	N	Y	N
POLARIZATION KEY	Y	N	N	Y	N	N	Y	Y
REAR GUIDE	Y	Y	N	Y	Y	N	N	N

ULTRA PWR CONTACT QTY
(NEXT TO LEFT END)

MIDDLE PWR CONTACT QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The configuration above is 10137755-060624ALF
STRADDLE MOUNT WITH ENHANCED WALLS 6UP6MP24S WITH MOUNTING EARS,
POLARIZATION KEY AND ALIGNMENT KEY.

6UP means 6 pcs ultra power contacts with 6 beams; 24S means 24 pcs signal contacts;
6MP means 6 pcs middle power contacts with 3 beams.

TABLE: PART NUMBER CODE FOR eHPCE STRADDLE MOUNT WITH ENHANCED WALL UP+MP+S CONFIG

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK, LOW HALOGEN, UL 94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. SECTION 5.2 IN PRODUCT SPECIFICATION.

3. PRODUCT SPECIFICATION: GS-12-1362.

4. APPLICATION SPECIFICATION: GS-20-0469.

5. PRODUCT MARKING (PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6. PACKAGING MEETS SPECIFICATION GS-14-2532(POCKET TRAY).

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

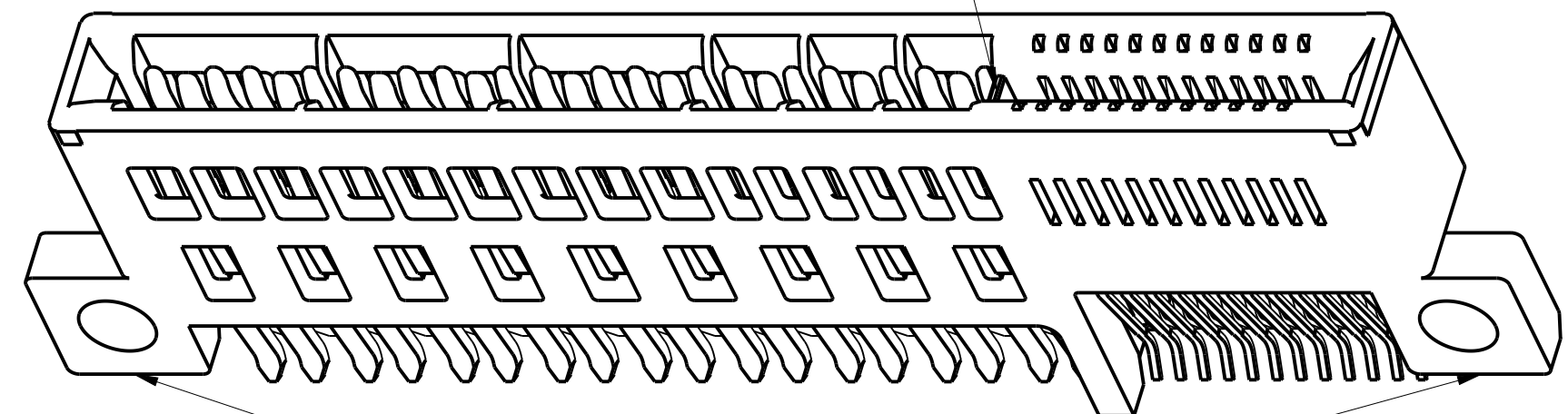
8. MAXIMUM OVERALL LENGTH IS 100mm.

9. DIM IS NOT APPLICABLE IF THERE ISN'T 3 BEAMS CONTACT.

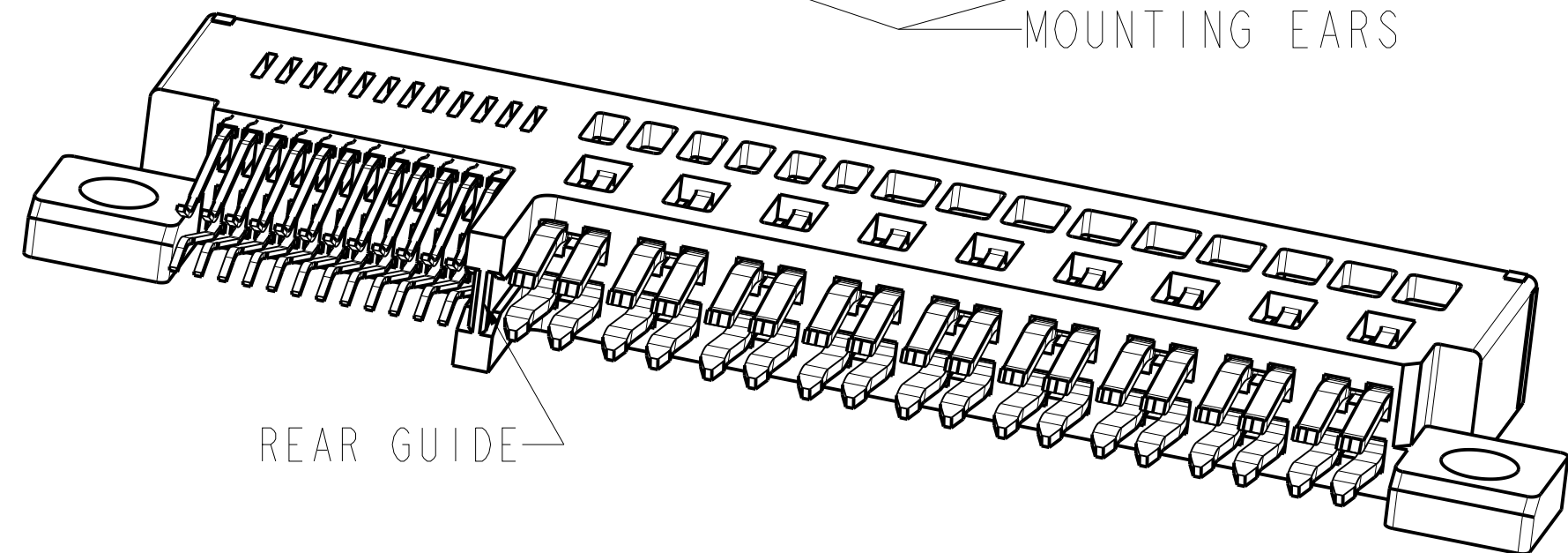
10. THIS PRODUCT MEETS EUROPEAN UNION DERECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.

11. PLATING OF PADS SHALL BE 30u" GOLD MINIMUM OVER 50u" NICKEL MINIMUM.
SURFACE MUST BE FREE OF FOREIGN MATTER.

POLARIZATION KEY



MOUNTING EARS



REAR GUIDE

DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	$(MM/2) \times 10.16 + (NN/2) \times 5.08 + (PP/2) \times 1.27 + 17.20$
DIM B	DIM A - 13.08
DIM C	DIM A - 7.50
DIM D	DIM A - 8.98
DIM E ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 16.84$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 6.68$ (WITHOUT UP CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 13.34$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 3.18$ (WITHOUT UP CONTACT)

spec ref	-	dr	Andy Lu	2015-12-24	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Andy Lu	2018-03-07	chr	Fancy Zhang	2018-03-07	ecn no	-	
surface	ISO 1302	appr	PM Zheng	2018-03-07	product family	CARD EDGE	rel level	In Work		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.13	Amphenol FCi	eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING	cat. no.	-	Product - Customer Drw	sheet 5 of 5			
angular	0° ±2°									